



Sun StorEdge™ 5310 NAS Appliance Release Notes

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Sun StorEdge 5310 NAS Appliance Release Notes

This document contains important information about the Sun StorEdge™ 5310 NAS Appliance that was not available at the time the product documentation was published. Read this document so that you are aware of issues or requirements that can impact the installation and operation of the Sun StorEdge 5310 NAS Appliance.

- “System Requirements” on page 1
- “Known Issues” on page 2
- “Release Documentation” on page 5
- “Service Contact Information” on page 5

Important – The system supports only a single administrative login at one time.

System Requirements

The Sun StorEdge 5310 NAS Appliance system ships with the Web Administrator software already installed. You do not need to install any software to manage the Sun StorEdge 5310 NAS Appliance.

To access the Web Administrator management interface, you must have a network-attached computer running one of the following browsers. You must use a Java™ technology-enabled browser with Java Plug-In 1.3.1 (or later).

- Internet Explorer
- Mozilla™
- Netscape Navigator™

Note – To download the latest Java Plug-in software, go to <http://java.com>.

Known Issues

- A 4 port HA bond does not fail-over to another port.

Workaround - Sun recommends you use 2 port HA bonding because the high availability is just used for redundancy.

- The Notification Email URL field shows the hostname URL, and you may not connect to the Web Administrator by clicking this URL.

Workaround - If the DNS does not resolve the hostname, use the IP address to connect to the Sun StorEdge 5310 NAS Appliance.

- LCD displays "_" for over two minutes while booting.

Workaround - This is not a problem, the NAS will boot properly.

- Help contents in the Web Administrator include RAID management topics.

Workaround - In-band RAID management from the Sun StorEdge 5310 NAS Appliance Web Administrator is not supported in this product. Ignore these topics.

- In rare cases the log shows a message *!utm_scsi_write: lun=31*, which may or may not indicate a real problem.

Workaround - If this message is followed by other critical hardware errors then they must be addressed accordingly; otherwise you can safely ignore the message.

- HA and Port aggregation bond IP address may not restore properly after you delete a bond.

Workaround - Select a different IP address for the bond.

- The Sun StorEdge 5310 NAS Appliance Web Administrator is either slow or hangs on a PC running W2K and Solaris with Mozilla.

Workaround - Kill the Sun StorEdge 5310 NAS Appliance Web Administrator browser session using the:

- task manager (in Microsoft Windows)

- UNIX kill command (on Solaris/Linux)

Then restart your Web Administrator browser session.

- Poor RX/TX optical signal strength may result in degraded performance.

Workaround - If there are no other critical hardware errors and you see significant performance degradation, this degradation could be related to fibre channel link errors. You need to contact service (see "Service Contact Information" on page 5).

- Occasionally the Sun StorEdge 5310 NAS Appliance Web Administrator display for *promote volume list* [file replicator] may be incorrect [stale information] .

Workaround - In order to refresh, log out and log back in on the Web Administrator.

- Creating Volumes from the Sun StorEdge 5310 NAS Appliance Web Administrator using Gb causes a rounding error.

Workaround - This is just a display error and no space is really lost. Ignore this error message.

- Sun StorEdge 5310 NAS Appliance Web Administrator interface reports incorrect Voltage Regulator values, occasionally causing erroneous visual alerts.

Workaround - This is a false error indication and there is nothing wrong in the system functionality. Ignore this error message.

- Under rare circumstances when the fault LED of the CSM is lit, the Sun StorEdge 5310 NAS Appliance event log shows the generic *sysmon ...unknown battery status* error.

Workaround - The CSM module needs service attention and may not necessarily be a battery problem.

- While running I/Os occasional disk and/or fibre channel errors may cause some volumes to be marked Read-Only. It is possible that volume-related operations on the Read-Only volume may hang, including the Diagnostic Email. However the I/O to the other volumes continues as normal

Workaround - If this is a correctable error, a reboot of the Sun StorEdge 5310 NAS Appliance will fix the Read-Only issue. If there is a real critical hardware error as shown in the event log, then that must be addressed with an escalation to the service (see "Service Contact Information" on page 5).

- When a RAID volume goes critical on a 5310EU F because the existing HotSpares are used, service needs to be engaged to bring the additional HotSpares online (see "Service Contact Information" on page 5).

- On a CSM RAID controller hardware failure, if the controller is pulled out with active I/Os it causes volumes to go Read-Only.

Workaround - Please engage service (see "Service Contact Information" on page 5) before making an attempt to replace the controller hardware.

- The Compliance option shows up in the Web Administrator under Create File Volumes.

Workaround - Compliance Archiving Software is not supported in this release. Creating a file volume with this option "checked" from the Web Administrator will successfully create the volume, but the log shows an error message *Enable compliance failed*. This error message can be safely ignored, but Sun recommends not using this compliance checkbox while creating the file volume.

Release Documentation

The following documentation is included with this release:

Setting Up the Sun StorEdge 5310 NAS Appliance (setup poster)

The remaining documentation is posted on the documentation Web site at:

http://www.sun.com/products-n-solutions/hardware/docs/Network_Storage_Solutions/storage_appliances/index.html

The remaining documentation includes:

Sun StorEdge 5310 NAS Appliance Quick Reference Manual

Sun StorEdge 5310 NAS Appliance Hardware Installation, Configuration, and User Guide

Sun StorEdge 5310 NAS Appliance Software Installation, Configuration, and User Guide

Sun StorEdge 5310 NAS Appliance Safety and Compliance Guide

Sun StorEdge 5300 RAID Expansion Unit and Sun StorEdge 5300 Expansion Unit F Safety and Compliance Guide

Service Contact Information

If you need help installing or using this product, call 1-800-USA-4SUN, or go to:

<http://www.sun.com/service/contacting/index.html>

